

## CLAIMS:

1. A coating composition for use in sliding parts,  
wherein the composition is obtained by mixing a binder resin,  
5 a solid lubricant, titanium oxide powder, and a coupling  
agent.

2. The coating composition according to claim 1,  
wherein the average primary particle diameter of the titanium  
10 oxide powder is 1  $\mu\text{m}$  or less.

3. The coating composition according to claim 1,  
wherein, in a sliding film formed of the coating composition,  
the content of the titanium oxide powder relative to the  
15 binder resin is in the range between 5% by mass and 35% by  
mass, inclusive.

4. The coating composition according to claim 1,  
wherein, in a sliding film formed of the coating composition,  
20 the content of the titanium oxide powder relative to the  
binder resin is in the range between 10% by mass and 20% by  
mass, inclusive.

5. The coating composition according to claim 1,  
25 wherein the binder resin is polyamide-imide.

6. The coating composition according to claim 1,  
wherein, in a sliding film formed of the coating composition,  
30 the content of the coupling agent relative to the binder  
resin is in the range between 0.1% by mass and 10% by mass,  
inclusive.

7. The coating composition according to claim 1,  
wherein, in a sliding film formed of the coating composition,  
35 the content of the coupling agent relative to the binder

resin is in the range between 2% by mass and 8% by mass, inclusive.

8. A coating composition for use in sliding parts,  
5 wherein the composition is obtained by mixing polyamide-imide,  
polytetrafluoroethylene, titanium oxide powder, and a silane  
coupling agent.

9. The coating composition according to claim 8,  
10 wherein the functional group of the silane coupling agent is  
an epoxy group.

10. The coating composition according to claim 8,  
wherein the average primary particle diameter of the titanium  
15 oxide powder is 1  $\mu\text{m}$  or less.

11. The coating composition according to claim 8,  
wherein in a sliding film formed of the coating composition,  
the content of the titanium oxide powder relative to the  
20 polyamide-imide is in the range between 5% by mass and 35% by  
mass, inclusive.

12. The coating composition according to claim 8,  
wherein in a sliding film formed of the coating composition,  
25 the content of the titanium oxide powder relative to the  
polyamide-imide is in the range between 10% by mass and 20%  
by mass, inclusive.

13. The coating composition according to claim 8,  
30 wherein, in a sliding film formed of the coating composition,  
the content of the silane coupling agent relative to the  
polyamide-imide is in the range between 0.1% by mass and 10%  
by mass, inclusive.

35 14. The coating composition according to claim 8,

wherein, in a sliding film formed of the coating composition, the content of the silane coupling agent relative to the polyamide-imide is in the range between 2% by mass and 8% by mass, inclusive.